

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,270,654 B2  
APPLICATION NO. : 10/675082  
DATED : September 18, 2007  
INVENTOR(S) : John A. Griego et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 2, line 22, after the first word "and", change "second pumps" to --a second pump--.

Col. 2, line 25, after "e.g.", insert --,--.

Col. 5, line 12, after "may", delete --,--.

Col. 5, line 43, after "200", change "-of" to --of--.

Col. 5, line 52, after "two-way", change "flow control" to --flow-control--.

Col. 6, line 14, after "(FIGS. 4c-d)", insert --,--.

Col. 6, line 15, after "valve", insert --210--.

Col. 6, line 29, after "that", change "opens" to --open--.

Col. 7, line 22, after "elevated", insert --,--.

Col. 8, line 52, after "the", change "gull-like" to --gun-like--.

Col. 10, line 7, after "acids,", change "carboxy methyl" to --carboxymethyl--.

Col. 12, line 24, after "and", change "second materials" to --a second material--.

Col. 13, line 46, after "of", change last word "solution" to --Solution--.

Col. 13, line 51, after "listed", change "above in" to --above--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 13, line 57, after "Syringe 2", change "forwards" to --forward--.

Claim 14, Col. 15, line 3, after "opening;", change "(2) and" to --and (2)--.

Signed and Sealed this

Sixth Day of May, 2008

A handwritten signature in black ink that reads "Jon W. Dudas". The signature is stylized, with a large loop for the 'J' and a cursive 'D'.

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*